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Education:

1995 Ph.D., University of Colorado at Boulder (Aerospace Engineering Sciences)

1990 M.S., University of Colorado at Boulder (Aerospace Engineering Sciences)

1988 B.S., with Special Honors, University of Colorado (Aerospace Engineering Sciences)

Employment:

2000-date Physicist, NOAA Environmental Technology Laboratory
Boulder, Colorado

1997-2000 Research Scientist, Cooperative Institute for Research in Environmental Sciences
University of Colorado, Boulder, Colorado

1995-1997 Postdoctoral Research Associate, Applied Physics Laboratory,
University of Washington, Seattle, Washington.

1989-1995 Research Assistant, Colorado Center for Astrodynamics Research,
University of Colorado, Boulder, Colorado.

1992-1993 Graduate Part Time Instructor, Department of Aerospace Engineering Sciences,
University of Colorado, Boulder, Colorado.

Professional Activities:

Member - American Geophysical Union
Member - American Meteorological Society
Member - The Oceanography Society
Member - American Institute of Aeronautics and Astronautics
Member - American Society of Engineering Educators
Member - NOAA Virtual Laboratory for Sea Surface Temperature Observation
Member - GODAE High-Resolution Sea Surface Temperature Science Team and chair of in situ and satellite data integration Technical Advisory Group
Member - Tau Beta Pi Engineering Honor Society
Member - Sigma Gamma Tau Aerospace Honor Society

Refereed Publications:

Wick, G. A., J. J. Bates, and D. J. Scott, Satellite and Skin Layer Effects on the Accuracy of Sea Surface Temperature Measurements from the GOES Satellites, *J. Atm. Oceanic Technol.*, 19, 1834-1848, 2002.

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Castro, S. L., G. A. Wick, and W. J. Emery, Further refinements to models for the bulk-skin sea surface temperature difference, submitted to *J. Geophys. Res*., 2002.

Emery, W. J., S. L. Castro, G. A. Wick, P. Schlüssel, C. J. Donlon, Estimating Sea Surface Temperature from Infrared Satellite and In Situ Temperature Data, *Bull. Amer. Meteor. Soc*., 82, 2773-2785, 2001.

Suarez, M. J., W. J. Emery, and G. A. Wick, The multi-channel infrared sea truth radiometric calibrator (MISTRC), *J. Atm. Oceanic Technol*., 14, 243, 1997.

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Emery, W. J., Y. Yu, G. A. Wick, P. Schlüssel, and R. W. Reynolds, Correcting infrared satellite estimates of sea surface temperature for atmospheric water vapor attenuation, *J. Geophys. Res*., 99, 5219-5236, 1994.

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Curry, J. A., et al., SEAFLUX, submitted to *Bull. Amer. Meteor. Soc*., 2002.

Book Chapters:

Emery, W. J., G. A. Wick, and P. Schlüssel, Skin and bulk sea surface temperatures: Satellite measurement and corrections, in Oceanographic Applications of Remote Sensing, pp. 145-165, CRC Press, 1995.

Emery, W. J., L. Kantha, G. A. Wick, and P. Schlüssel, The relationship between skin and bulk sea surface temperatures, in Satellite Remote Sensing of the Oceanic Environment, pp. 25-40, Seibutsu Kenkyusha, 1993.